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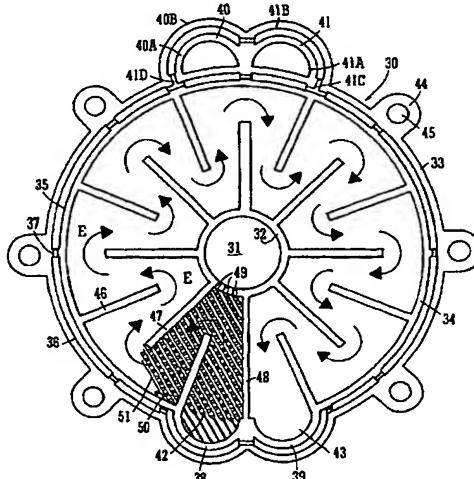
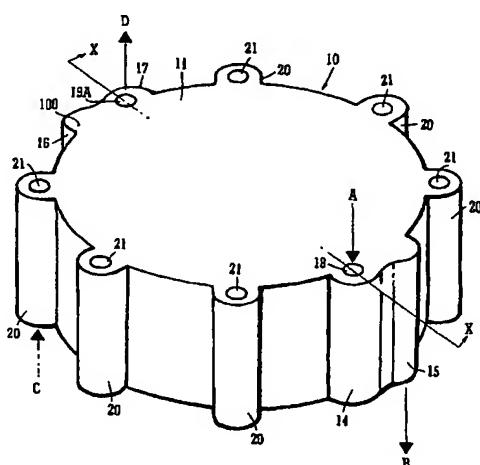
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(54) Title: HEAT EXCHANGER AND/OR CHEMICAL REACTOR



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(57) Abstract: Heat exchange and/or chemical reactor apparatus (10; 100) comprises a series of plates which are stacked and bonded together in a fluid-tight manner, the series of plates comprising alternate first (30; 130) and second (90; 190) plates or groups of plates along the stack providing flow paths for respective first and second fluids, each plate forming said first (30; 130) and second (90; 190) plates or groups of plates having an inlet (42, 90) and an outlet (43, 91) between which respective first or second fluid is flowable and a continuous wall (34, 84) to contain the flow of fluid, and characterised in that each plate (30, 90; 130; 190) comprises an outer wall (43, 83) continuous wall (34, 84) to define a space (35, 85) therebetween, the spaces (35, 85) of each plate (30, 90; 130; 190) of the stack being in fluid communication to form a compartment running along the stack.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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INTERNATIONAL SEARCH REPORT

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IPC 7 F28D9/00

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F28D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	WO 02 101313 A (CHART HEAT EXCHANGERS LTD ; SYMONDS KEITH THOMAS (GB)) 19 December 2002 (2002-12-19) cited in the application the whole document ----	1-29
A	GB 1 405 976 A (PRZED DOSWIADCZALNE PRZEMYSLOW) 10 September 1975 (1975-09-10) the whole document -----	1-29

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
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